

What is claimed is:

1. A ferroelectric liquid crystal display, comprising:
a liquid crystal panel in which at least one liquid crystal cell a crossing area at of a
5 gate line and a data line;
a data processor supplying red, green and blue data signals to each of said at least one
liquid crystal cells; and
a backlight in a stand-by state during a responding period of liquid crystal after a
supplying period of said red, green and blue data signals, for generating red, green and blue
10 lights corresponding to each of the red, green and blue data signals.

2. The ferroelectric liquid crystal display according to claim 1, wherein said liquid
crystal panel comprises:

a upper substrate on which a common electrode and a first alignment film are
5 sequentially disposed;
a lower substrate on which a thin film transistor, a pixel electrode and a second
alignment film are sequentially disposed; and
a ferroelectric liquid crystal interposed between said upper substrate and said lower
substrate.

3. The ferroelectric liquid crystal display according to claim 1, wherein said
backlight includes a backlight driver for supplying an electrical signal to generate red, green
and blue light.

4. The ferroelectric liquid crystal display according to claim 1, further comprising a

backlight controller for supplying a control signal to generate red, green and blue light.

5 5. The ferroelectric liquid crystal display according to claim 1, said ferroelectric liquid crystal responds according to said red, green and blue data signals.

10 6. A method of driving a ferroelectric liquid display, comprising:
sequentially supplying red, green and blue data signals to a liquid crystal cell formed at a crossing area of a gate line and a data line of a liquid crystal panel, liquid crystal in the liquid crystal cell responding to said red, green and blue data signals in a responding period;
and
sequentially generating red, green and blue lights corresponding to each of said red, green and blue data signals.

15 7. The method according to claim 6, wherein a backlight is in a stand-by state during the responding period.

 8. The method according to claim 6, wherein said red, green and blue data signals sequentially are applied to the liquid crystal cell at least once during a frame period.

20 9. The method according to claim 6, wherein the liquid crystal cell includes a ferroelectric liquid crystal.

 10. The method according to claim 6, further comprising:
supplying a red data signal to said liquid crystal cell and then irradiating a red light,
25 during a frame period;

supplying a green data signal to said liquid crystal cell and then irradiating a green light, during said frame period; and

supplying a blue data signal to said liquid crystal cell and then irradiating a blue light, during said frame period.

5

11. The method according to claim 10, wherein after each of the red, green and blue data signals is supplied, there is a time for the liquid crystal to respond to each respective data signal.

10

12. The method according to claim 10, wherein after at least one of the red light, green light and blue light is irradiated for a predetermined time, another data signal for another color is immediately supplied.

15

13. A liquid crystal display device, comprising:

a liquid crystal panel including:

a plurality of gate signal lines;

a plurality of data signal lines;

liquid crystal cells in a matrix at crossing points of the gate and data signal lines, the liquid crystal cells having a liquid crystal therein;

20

a data driver for supplying data signals to the data signal lines;

a gate driver for supplying gate signals to the gate signal lines;

a controller for receiving a plurality of signals from an interface; and

a backlight in a stand-by state as the liquid crystal responds to the data signals after the data signals are supplied to the liquid crystal cells.

25

14. The liquid crystal display device of claim 13, wherein the data signals include red, green and blue data signals.

5 15. The liquid crystal display device of claim 13, wherein the plurality of signals include a control signal.

16. The liquid crystal display device of claim 13, wherein the plurality of signals include a horizontal synchronization signal.

10 17. The liquid crystal display device of claim 13, wherein the plurality of signals include a vertical synchronization signal.

18. The liquid crystal display device of claim 13, wherein the plurality of signals include an input clock signal.

15 19. The liquid crystal display device of claim 13, wherein the plurality of signals include a data enable signal.

20 20. The liquid crystal display device of claim 13, wherein controller is capable of receiving a horizontal synchronization signal and a vertical synchronization signal and generating a gate start clock and a gate scanning pulse to be supplied to the gate driver.

25 21. The liquid crystal display device of claim 13, wherein the controller is capable of receiving data signals and generating red, green and blue data signals and a data enable signal to be supplied to the data driver.